

PCT

D1 5	DEC 2004
WIPO	PCT .

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

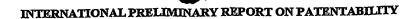
Applicant's or agent's file reference FOR FURTHER ACTION See Form PCT/IPEA/416 s 3533 Priority date (day/month/year) International filing date (day/month/year) International application No. 04.09.2002 28.08.2003 PCT/SE 2003/001334 International Patent Classification (IPC) or national classification and IPC F01M 13/04, B01D 45/14 // B04B 9/00 Applicant ALFA LAVAL CORPORATE AB et al This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. sheets, including this cover sheet. This REPORT consists of a total of 3 This report is also accompanied by ANNEXES, comprising: sheets, as follows: (sent to the applicant and to the International Bureau) a total of sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions). This report contains indications relating to the following items: Basis of the report Box No. I Priority Box No. II Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Lack of unity of invention Box No. IV Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial Box No. V applicability, citations and explanations supporting such statement Certain documents cited Box No. VI Certain defects in the international application Box No. VII Certain observations on the international application Box No. VIII Date of completion of this report Date of submission of the demand 07.12.2004 20.02.2004 Authorized officer Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 Fredrik Andersson/MP S-102 42 STOCKHOLM Telephone No. +46 8 782 25 00 Facsimile No. +46 8 667 72 88

Form PCT/IPEA/409 (cover sheet) (January 2004)



INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Box No	o. I	Basis (of the report				
1. W	herwis	se indicate	e language, this report is based on the international application in the language in the dunder this item.	n which it was filed, unless			
. [] Ţ	his report	t is based on a translation from the original language into the following language ne language of a translation furnished for the purposes of:	· · · · · · · · · · · · · · · · · · ·			
	•		ternational search (under Rules 12.3 and 23.1(b))				
			ublication of the international application (under Rule 12.4)				
		in	nternational preliminary examination (under Rules 55.2 and/or 55.3)				
l fi	this report is based on (replacement sheets which have been						
	\boxtimes	the intern	national application as originally filed/furnished				
		the descr	iption:	11 Elad/firmished			
<u> </u>		pages _		ns originally filed/furnished			
1		pages* _	received by this Authority on received by this Authority on				
		pages* _	received by this Anthony on				
		the claim	ns:	as originally filed/furnished			
		pages	as amended (together with an				
ŀ		pages*	received by this Authority on				
ł		pages* pages*	received by this Authority on				
		the drav	nings.				
1	لــا	pages		as originally filed/furnished			
1			received by this Authority on				
1		pages*	received by this Authority on				
		a seque	and/or any related table(s) - see Supplemental Box Relating to Sequence	Listing.			
3.		The am	nendments have resulted in the cancellation of:				
			the description, pages				
Ì		一百	the claims, Nos.				
ŀ		Ħ	the drawings, sheets/figs				
1		一	the sequence listing (specify):				
			any table(s) related to the sequence listing (specify):				
4. This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (R: 70.2(c)).							
			the description, pages				
			the claims, Nos.				
1			the drawings, sheets/figs				
		同	the sequence listing (specify):				
			any table(s) related to the sequence listing (specify):				
	If ii	tem 4 appl	lies, some or all of those sheets may be marked "superseded."				



International application No.
PCT/SE 2003/001334

Во	x No. V	Reasoned statement us citations and explanat	nder Article 3 ions supporti	(2) with regard to novelty, inventive so g such statement	ep or industrial applicability;
1.	Statement				· •
	Novel	ty (N)	Claims Claims	1-13	YES NO
	Inven	tive step (IS)	Claims Claims	1-13	YES NO
	Indus	trial applicability (IA)	Claims Claims	1-13	YES NO
			•	•	

2. Citations and explanations (Rule 70.7)

Documents cited in the International Search Report:

D1: US 20010012814 A
D2: WO 0136103 A1
D3: WO 0100969 A1

The cited documents represent the general state of the art.

The invention defined in claims 1-13 is not disclosed by any of these documents.

The cited prior art does not give any indication that would lead a person skilled in the art to the claimed apparatus for cleaning of gas. Therefore, the claimed invention is not obvious to a person skilled in the art.

Accordingly, the invention defined in claims 1-13 is novel and is considered to involve an inventive step.

The invention is industrially applicable.